

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A resin composition for a toner,
which contains a crystalline polymer having a melting point of 180 to 280°C and heat absorption of 25 to 150 mJ/mg at a melting point measured by a differential scanning calorimeter (DSC) and a non-crystalline polyester having a glass transition temperature of 30 to 80°C.

2. (original): The resin composition for a toner according to claim 1,
which has heat absorption of 1 to 20 mJ/mg at a melting point measured by a differential scanning calorimeter (DSC).

3. (currently amended): The resin composition for a toner according to claim 1 ~~or 2~~,
wherein an average particle diameter of crystalline particles observed by a polarizing microscope is 5 µm or smaller.

4. (currently amended): The resin composition for a toner according to claim 1, ~~2 or 3~~,
which has a haze value of 60% or higher measured by a method according to JIS K 7105.

5. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, or 4~~,

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which has 30°C or less difference of the recrystallization initiating temperature T_{ic} and the recrystallization peak temperature T_{pc} measured by a differential scanning calorimeter (DSC).

6. (original): The resin composition for a toner according to claim 5,

wherein recrystallization initiating temperature T_{ic} is 80°C or higher.

7. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5 or 6,~~

which, when 5% shear strain is applied at 190°C, has 15 to 90 change rate D of the relaxation modulus defined by the following formula (1):

$$D = (1 - G_{5\%}(0.1) / G_{5\%max}) \times 100 \quad (1)$$

in the formula, $G_{5\%}(0.1)$ represents the relaxation modulus after 0.1 second from 5% shear strain application and $G_{5\%max}$ represents the relaxation modulus at the peak point of the relaxation modulus curve in a graph showing the time from the shear strain application in the horizontal axis and the relaxation modulus in the vertical axis.

8. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6 or 7,~~

which, when 450% shear strain is applied at 190°C, has -27 or higher slope K of the relaxation modulus curve observed after

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0.02 seconds to 0.1 seconds from the moment of the shear strain application defined by the following formula (2):

$$K = \{ \text{Log} (G (0.1)) - \text{Log} (G (0.02)) \} / (0.1 - 0.02) \quad (2)$$

in the formula, $G(0.02)$ represents the relaxation modulus after 0.02 seconds from the shear strain application and $G(0.1)$ represents the relaxation modulus after 0.1 seconds from the shear strain application.

9. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7 or 8,~~

wherein, when 450% shear strain is applied at 190°C, the relaxation modulus $G(0.1)$ is 30 to 3,000 Pa after 0.1 seconds from the shear strain application.

10. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8 or 9,~~

wherein the crystalline polymer has a weight average molecular weight of 30,000 to 300,000.

11. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9 or 10,~~

wherein the crystalline polymer is a crystalline polyester.

12. (original): The resin composition for a toner according to claim 11,

wherein the crystalline polyester is polybutylene terephthalate.

13. (original): The resin composition for a toner according to claim 11,

wherein the crystalline polyester is polyethylene terephthalate.

14. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9 or 10,~~

wherein the crystalline polymer is a crystalline polyamide.

15. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9 or 10,~~

wherein the crystalline polymer comprises a crystalline polyamide and a crystalline polyester.

16. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 or 15,~~

wherein the non-crystalline polyester is obtained by polymerization of a monomer mixture mainly containing terephthalic acid and neopentyl glycol as well as ethylene glycol and/or 1,4-butane diol.

17. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 or 16,~~

wherein the non-crystalline polyester comprises a non-crystalline polyester with a weight average molecular weight of 3,000 to 20,000 and a non-crystalline polyester with a weight average molecular weight of 30,000 to 300,000.

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18. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 or 16,~~

wherein the non-crystalline polyester contains 90% by weight or more of the non-crystalline polyester with a molecular weight of 1,000 to 300,000 and in the non-crystalline polyester with a molecular weight of 1,000 to 300,000, 40 to 90% by weight has a molecular weight of 1,000 to 20,000 and 10 to 60% by weight has a molecular weight of 20,000 to 300,000.

19. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17 or 18,~~

wherein the crystalline polymer and the non-crystalline polyester are compatible with each other.

20. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 or 19,~~

which has a glass transition temperatures C (°C) satisfying the following formula (3) in relation to the glass transition temperature A (°C) of the crystalline polymer and the glass transition temperature B (°C) of the non-crystalline polyester:

$$s A + t B - 2 \leq C \leq s A + t B + 2 \quad (3)$$

in the formula (3), the reference character s represents the weight ratio of the crystalline polymer in the resin composition for a toner and the reference character t represents the weight

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ratio of the non-crystalline polyester in the resin composition for a toner.

21. (currently amended): The resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19 or 20,~~
which has an acid value of 1 to 30.

22. (currently amended): A toner,
which is obtainable by using the resin composition for a toner according to claim 1, ~~2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 or 21.~~

23. (original): The toner according to claim 22,
which contains a low melting point compound having a melting point of 70 to 120°C.

24. (original): The toner according to claim 23,
wherein the low melting point compound is a crystalline polyester.

25. (original): The toner according to claim 23,
wherein the low melting point compound is a wax.